KADASHEVICH, Yu.I. (Leningrad)

Interrelation of the two fundamental problems in the theory of flow allowing for residual microstrains. Prikl.mat.i mekh. 27 no.2:378-379 Mr-Ap 163. (MIRA 16:4) (Strains and stresses)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4"

KADASHEVICH, Yu.I.

Behavior of metals during relief and subsequent loading. Trudy LTITSBP no.14:224-226 '64.

Plasticity theory taking into account the Baushchinger effect with the initial flow surface in the Tresk form. Ibid. 2227-228 (MIRA 18:5)

。 《中华·斯特氏》(宋帝名本代史》) 《中华·斯特氏》(宋帝名本代史》) 《中华·斯特氏》 《中华·斯特》 《中华·斯特》 《中华·斯特》 《中华·斯特》 《中华·斯特》 《中华·斯特》

MARDISMITA, VI

PILISHBHKO, V.G.; SOBOLHVA, N.M.; PONOMAREVA, T.N.; KADATSKAYA, K.P.

Problem of natural fooi of Brucella infections. Zhur, aikrobiol. epid. i immun. no.1:82-87 Ja *55. (MIRA 8:2)

1. Is Stavropol'skogo nauchno-iesledovatel'skogo instituta Ministerstva sdravockhraneniya SSSR (dir. Y.M.Ter-Vartanov, nauchnyy rukovoditel' prof. M.P.Pokrovskaya) (MRUCHLLOSIS, epidemiology, in Russia, natural foci)

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4

KADATSHAYA, K.P.

USSR/Zooparasitology - Acarina and Insect-Vectors of Disease Pathogens.

G-4

Abs Jour

: Ref Zhur - Biol., No 3, 1958, 10098

Author

: Nel'zina, E.N., Slinko, L.I., Kadatskaya, K.P., Ivanov, K.A., Yamshchikova, Kh.G., Poltavtsev, N.N., Skirda, G.I.

Inst

Title

: Ixodic Ticks (Parasitiformes, family Ixodidae) of Rodents

in Northwestern Caspian Coast.

Orig Pub

: Sb. tr. Astrakhansk. protivochumn. st., 1955, No 1, 416-

Abstract

is the formation, beautifully by the common : The fauna of imodic ticks in the district studied is comparatively sparse (5 species, more or less, are numerous); individual specimens may be regarded as of Kirgiz and European-Siberian origin. Closest biocenotic ties with rodents are found in Ixodes laguri laguri and Thipicephalus schulzei. The first of these (steppe species) is con-

nected with rodents who build deep, comparatively

Card 1/2

Card 2/2

CIA-RDP86-00513R000519820020-4" APPROVED FOR RELEASE: 07/19/2001

া বিষয়েকের সংঘাদেশক কলিয়া কৈয়েকে প্রতিষ্ঠিক বালে ১০০০

DARSKAYA, N.F.; BAKEYEV, N.N.; KADATSKAYA, K.P.

Study of the yearly cycle of the gerbil flea Zenopsylla conformis Wagn, in Amerbaijan. Med.paras.i paras.bol. no.3: 342-346 *62. (MIRA 15:9)

1. Iz Kauchno-issledovatel skogo protivochumogo instituta Kavkasa i Zakavkas ya i Aserbaydshanskoy protivochumoy stantsii. (AZERBAIJAN—FIEAS AS CARRIERS OF DISEASE)

KADATSKAYA, K.P.; SHIROVA, L.F.

Ixodid ticks and fleas in a tularemia focus of the Nakhichevan A.S.S.R. Dokl. AN Amerb. SSR 19 no.4:79-83 '63. (MIRA 16:12)

1. Institut soologii AN Azerbaydzhanskoy SSR. Predstavleno akademikom AN Azerbaydzhanskoy SSR A.N.Derzhavinym.

KADATSKAYA, K.P.

Distribution of fleas of the suslik depending on ecological conditions. Trudy Nauch.-issl. protivochum. inst. Kav. i Zakav. no.5:40-61 '61.

Collection and count of fleas in human dwellings and sheep pens by using small flannel flags. Ibid.:74-75
(MIRA 17:1)

1. Azerbaydshanskaya protivochumnaya stantsiya.

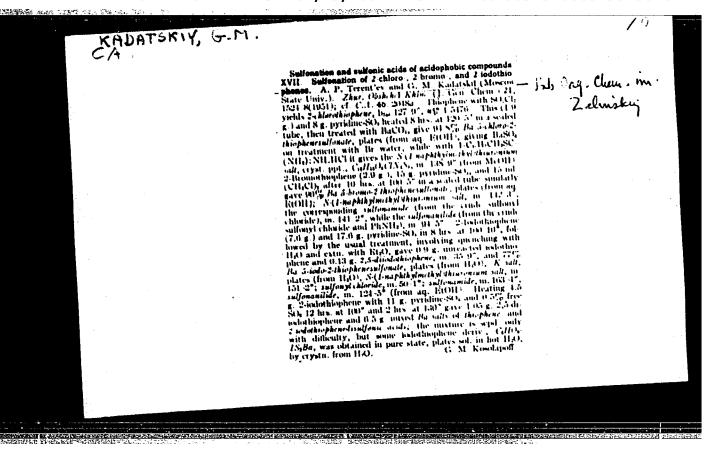
GARPHIYEV, A.T.; KADATSKAYA, K.P.

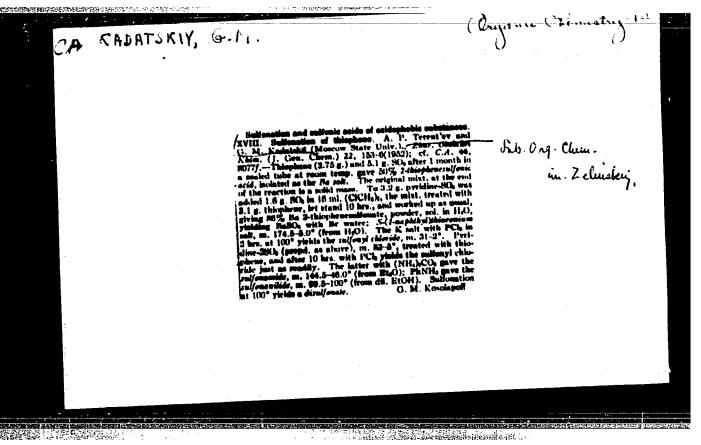
Gamasid mites of the rodents of Kobystan. Izv.AN Azerb. SSSR. Ser.biol. i med.nauk no. 12:47-53 '61. (MIRA 17:5)

KADATSKAYA, K.P.; SHASHNIKOVA, N.V.

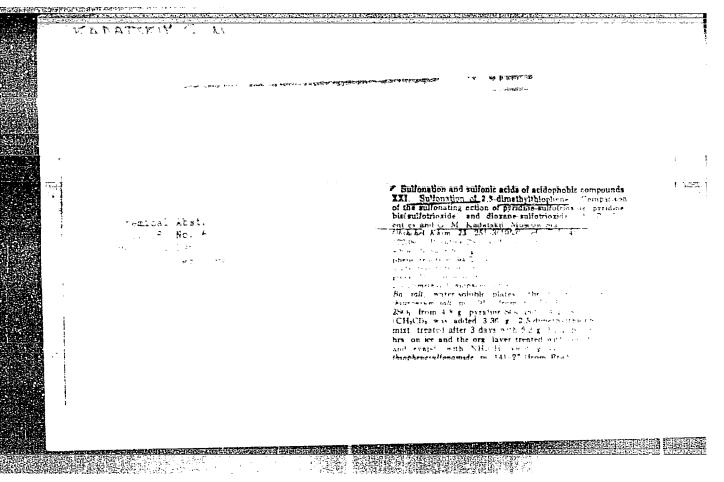
Ecology of the tick Alectorobius alactagalis in Azerbaijan in relation to its epidemiological importance. Med. paraz. i paraz. bol. 32 no.32320-323 My-Je 63 (MIRA 17:3)

1. Iz Azerbaydzhanskoy protivochumnoy stantsii (nachal'nik M.G.Akhundov).





"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4



KADATSKIY, N. G. and BAKEYEV, N. N.

"Daily Activity of Red-Tailed Gerbils of Azerbaydzhan SSR."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Antiplague Institute of Caucasia and Transcaucasia (Stavropol¹) Azerbaydzhan Antiplague Station (Baku) and Ural Section VNIIZhP

KADATSKIY, N.G.

Rodents of the Talysh Mountains and the Lenkoran Lowland and their distribution in various landforms and geographical areas. Zool. zhur. 43 no.11:1693-1707 '64. (MIRA 18:11)

1. Azerbaydzhanskaya protivochumnaya stantsiya, Baku.

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4

KADAVY, F.

"Twenty-fifth anniversary of the Popular Observatory in Prague." p. 129. (Rise Hvezd. Vol. 34, no. 6, July 1953. Praha.)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress, Feb. 1954, Uncl.

s/035/62/000/007/038/083 A001/A101

AUTHOR:

Kadavý, František

TITLE:

Observation of a solar eclipse in Bulgaria

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 7, 1962, 66, abstract 7A454 ("Rise hvezd", 1961, v. 42, no. 4, 65 - 68, Czech)

The work of the Czechoslovakian expedition which observed the total TEXT: solar eclipse of October 2, 1961, in Bulgaria is described. Astronomers-amateurs and staff workers of popular observatories participated mainly in the expedition organized by the Ministry of Education and Culture. The scientific program was devised by the Astronomical Institute of the Czechoslovakian Academy of Sciences. The expedition carried out meteorological observations, and observations of atmospherics and cosmic radio emission. The optical program remained unfulfilled due to poor weather. One of the expedition members was invited by the Bulgarian Academy of Sciences for a flight in a special aircraft, and he succeeded in taking a photograph of the corona.

M. Kopetskiy

[Abstracter's note: Complete translation]

Card 1/1

通道技术特别的

KADAYEV, A.

Economic and cultural development and the budget of the Daghestan A.S.S.R. Fin.SSSR 16 no.12:39-41 D *55. (MLRA 9:2)

1.Zamestitel' Ministra finansev Dagestanskey ASSR. (Daghestan-Budget)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4"

KADAYEN, G.N.

建建了建筑建设,

Practice training in pharmacognosy in higher pharmaceutical educational institutes. Apt. delo 12 no.5:68-70 S-0'63 (MIRA ly:11)

1. Farmatsevticheskiy fakul tet Vitebskogo meditsinskogo instituta.

*

Medicinal plant collections of Marachay-Cherkess Autonomous Province.

Trudy Isn. khim.-farm. inst. no.17:275-283 164.

SEREDIN, R.M.; KADAYEV, G.N.

Plants used in popular medicine in the Karachay-Chorkess Autonomous Area. Trudy Len. khim.-farm. inst. 12:367-382 (MIRA 15:3)

1. Kafedra botaniki Pyatigorskogo farmatsevticheskogo instituta i kafedra farmakognozii i botaniki Leningradskogo khimiko-farmatsevticheskogo instituta Ministerstva zdravookhraneniya RSFSR.

(KARACHAY-CHERKESS AUTONOMOUS AREA-BOTANY, MEDICAL)
(MEDICINE, POPULAR)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4"

VITEK, Jan, inz., CSc.; KADECKA, S.

Cantilever assembling of bridges with dry joints. Inz stavby 11 no.8:317-318 Ag '63.

VITEK, J., inz., C.Sc.; KADECKA, S., inz.

Construction of the Medway bridge in England. Ins stavby 11 no.1:36-37 Ja 63.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4"

GORGOL, Vaclav, inz.; KADECKA, Slavos,; POSEJPAL, Miroslav.

Sealing cracks in concrete structures by injecting epoxy resins. Pox stavby 11 no.11:608-609 *63.

1. Stavby silnic a zeleznic, Praha.

Instruments and Equipment

CZECHOSLOVAKIA

UDC 539.1.074.24 621.374.33

KADECKA, Vincenc: Krajska Station of Hygiene and Epidemiology (Hygienicko-Epidemiologicka Stanice), Prague.

"A Simple Anticoincidence Device."

Prague, Jaderna Energie, Vol 12, No 12, Dec 66, pp 460 - 461

Abstract: /Author's English summary modified 7: The use of special counting tubes reduces the volume and weight of anticoincidence devices. A simplifying circuit covered by a Patent is discussed. The apparatus is based on the Geiger-Müller counter principle. 7 Figures, 2 Western references. (Panuscript received 7 Mar 66).

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Knylestal V.

CZECH/37-59-2-5/20

J. Hladky, P. Chaloupka, V. Kadecka, T. Kowalski AUTHORS:

and P, Mokry

Three Variations in the Intensity of Cosmic Radiation TITLE:

in the First Half of 1958

PERIODICAL: Československý Časopis Pro Fysiku, 1959, Nr 2,

pp 150-156

ABSTRACT: Research into variations of the primary component of cosmic radiation as a function of changes in the atmosphere of the sun, is expected to lead to useful information on the origin of cosmic radiation. To get a full picture of this variation, a large number of observations in varying geographical positions is From the regular and irregular variations of necessary. intensity of cosmic radiation, the influence of the sun is obvious. This may, in principle, have the following two reasons. The sun may be a source of the primary particles and may modulate them by its magnetic field. They are further modulated by changes in the Earth's magnetic field. Within the framework of the International Geophysical Year, a constant registration of the intensity of the penetrating Card component and of the neutron component of cosmic radiation

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APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4"

was undertaken in two observatories. These are

CZECH/37-59-2-5/20

Three Variations in the Intensity of Cosmic Radiation in the First Half of 1958

> Lomnicky stit (2,634M above sea level: geomagnetic latitude 480N) and Prague (228M above sea level: geomagnetic latitude 480N). The apparatus in both stations is similar. The penetrating component (µ-mesons) were measured by two counting telescopes with geometry recommended by C.S.A.G.I. (Ref 4). The effective area of the set of counters was 2500 cm² at Lomnicky stit and 3600 cm² in Prague. For the detection of neutrons, both stations used a monitor described by Simpson (Ref 5) and recommended by C.S.A.G.I. continuous registration was carried out by two independent instruments in each station. The location of the stations determined the lower threshold of energies of primary particles which produced the measured components of the cosmic radiation. The range of energies can only be very roughly estimated. The average pressure at Lomnicky stit is 550 mm Hg. The minimum energy of µ-mesons capable of penetrating the given amount of air and the absorber (10cm Pb) is about 1.8 GeV (Ref 6). The energy of the primary particles must be higher, i.e. about 20 GeV.

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APPROVED FOR RELEASE: 07/19/2001

CZECH/37-59-2-5/20

Three Variations in the Intensity of Cosmic Radiation in the First Half of 1958

For sea level, the minimum energy of primary particles must be about 30 GeV. For the neutron monitor, the situation is more complicated because the atmospheric processes involving nucleons are complicated. assume (Refs 8,9,10) that the particles have energies around 3 GeV for Lomnicky stit and 7 GeV for sea level. During the first half of 1958, both stations registered three large variations in intensity of the penetrating and the neutron component. These were on the 25th March, 25th April and 7-9th May. These variations are shown in Figs 3, 4 and 5, together with the measurements on the intensity of the Earth's magnetic field. Table 1 shows the main characteristics of these variations. magnetic and ionospheric data are taken from a publication by the Geophysical Institute of the Czechoslovak Academy of Science (Ref 11). The Prague data of the intensity of cosmic radiation are in good agreement with those measured in Moscow (Ref 12). The intensities of the various components of cosmic radiation are shown relative to the mean frequency of registered particles and only the

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CZECH/37-59-2-5/20
Three Variations in the Intensity of Cosmic Radiation in the First Half of 1958

barometric effect has been corrected for. The barometric coefficient at Lomnicky stit is 0.299%/mm Hg for the penetrating component and 1.058%/mm Hg for the neutron component. The same corrections in Prague are 0.218 and 0.95%/mm Hg respectively. The statistical error of the measurements was $\sigma = 0.28\%$ for the meson telescopes on Lomnicky stit and $\sigma = 0.41\%$ for the neutron monitors. In Prague, the errors were $\sigma = 0.21\%$ for mesons and $\sigma = 0.96\%$ for neutrons. All other errors were considerably smaller than the statistical error, with the exception of a possible error introduced by changes in the geometry due to replacements of counters. All the reported measurements were taken without such replacements. The variation on the 25th March 1958 (Fig 3) is a typical variation associated with a magnetic storm. It has an accurately defined beginning which coincides with the beginning of the storm and lasts many days. The intensity of the meson component shows an increased daily variation. The neutron component showed this increased daily variation only at the Prague station. The amplitude of the disturbance was

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CZECH/37-59-2-5/20

Three Variations in the Intensity of Cosmic Radiation in the First

Half of 1958

extraordinarily large and related to the intensity of the magnetic storm. Before the variation, an intensive eruption was observed on the sun (Ref 13) starting on the 23rd March at 0950 hours GMT. The variation on the 25th April (Fig 4) was a relatively small one. The state of the Earth's magnetic field was practically undisturbed until the next day. No eruption was observed on the sun. The May variation (Fig 5) showed a short increase in the neutron intensity at Lomnicky stit on the 7th May at This was followed on the 9-10th May by 2300 hours GMT. a short decrease with a badly defined beginning, registered by all detectors. It is possible that the effect is due to a direct emission of particles with energies smaller than 7 GeV, possibly from a small eruption observed on the sun at 2335 hours GMT. During the following decrease, no large magnetic disturbance was observed. These measurements are for the period from 1st January to 30th June 1958. Measurements in both stations are being continued.

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CZECH/37-59-2-5/20 Three Variations in the Intensity of Cosmic Radiation in the First Half of 1958

> There are 5 figures, 1 table and 13 references, of which 5 are German, 5 English, 2 Soviet and 1 Czech.

ASSOCIATION: Fysikální ústav ČSAV, Fraha

(Institute of Physics, Czechoslovak Ac. Sc., Prague)

Card 6/6 SUBMITTED: *) Akademia Górniczo-Hutnicza, Kraków

(Mining-Metallurgical Academy, Cracow)
November 4, 1958

EEJ, F.

Interpretation of the pattern of the cell arrangement in the root apical meristem of Cyperus gracilis L. var. alternifolius. Acta soc botan Pol 32 no.2:295-301 163.

1. Department of Anatomy and Cytology of Plants, University, Wroclaw.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4"

KADEJ, F.

Creative activity of the cells of the constructional centrum of top root meristems. Wiadom botan 8 no.2:131-139 '64.

1. Department of Plant Anatomy and Cytology, M. Curie-Sklodowska University, Lublin.

ACCESSION NR: AP4030782

5/0020/64/155/004/0839/0842

AUTHOR: Lepin', L. (Academician); Kadek, V.

TITIE: Conditions for the rupture of the primary film formed by the oxidation of aluminum in neutral solutions.

SOURCE: AN SSSR. Doklady*, v. 155, no. 4, 1964, 839-842

TOPIC TAGS: aluminum, aluminum oxidation, aluminum oxide film, electrode potential, aluminum oxidation kinetics, oxide coating rupture, electrochemical behavior, oxidation rate, aluminum oxychloride film, hydrated aluminum oxychloride film, dehydrated aluminum oxychloride film

ABSTRACT: The oxidation of aluminum in neutral solutions was investigated to establish a relationship between the oxidation kinetics (L. K. Lepin', A. Ya. Vayvade, Izv. AN LatvSSR, ser. khim. no. 3, 297, 1963) and the change of the electrode potential with time, depending on the temperature and the concentration of the solution. The potentials of degreased and pickled aluminum electrodes were measured in 0.001-4 N KCl solutions for periods up to 30 days. After preliminary variations essentially constant potential values were established which were

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ACCESSION NR: AP4030782

related to the chloride concentration by the logarithmic relationship:

E = E0 + k lg CKCI

where E. = 500 millivolts (200) and 520 millivolts (300) and k is about 60-70 millivolts. This indicates the aluminum electrode in the initial phases (see left portion of figures 1 and 2 of enclosure) functions as a complex electrode with an indestructible film partially transformed at its surface into complex hydrated or dehydrated oxychlorides:

(Al₂O₃)_n (Al (OH)₃)_m·Al_x (OH)_{3x-1} Cl

(Al₂O₃)_n·Al_xO_xCl_x.

Further observation of the aluminum electrodes shows differences in the behavior in solutions of different concentration at different temperatures (see right portion of figures 1 and 2 of enclosure), showing rupture of the primary oxide film with intense hydrogen evolution and formation of α -Al(OH)₃ and boehmitic γ -AlO(OH) in changing ratios leading to a decrease of the electrode solubility with time. Comparison of the kinetics and the electrochemical behavior shows

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ACCESSION NR: AP4030782

oxidation rate is not synonymous with the electrochemical behavior of the metal under the conditions investigated. It is assumed this is due to the mixed mechanisms of aluminum oxidation (because of the oxygen and water) and the development of conditions for diffusion through the thickness of the deposit. Orig. art. has: 3 figures and 1 equation.

ASSOCIATION: Institut khimii, Akademii nauk LatvSSR (Institute of Chemistry, Academy of Sciences, Latv; ESR)

SURVITTED: 25Dec63

DATE ACQ: 30Apr64

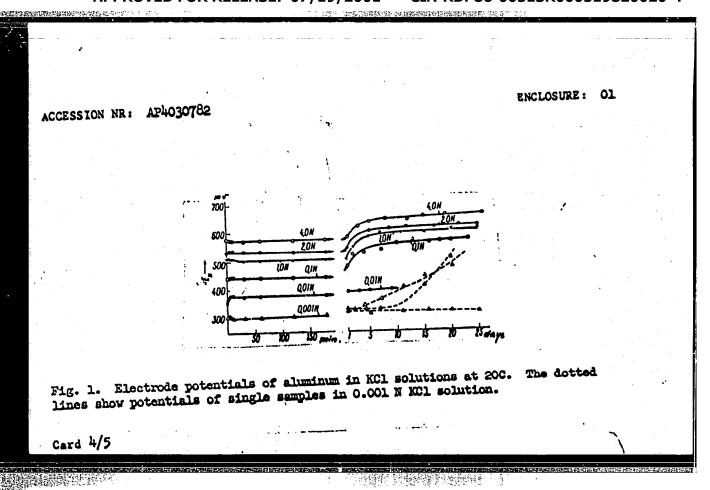
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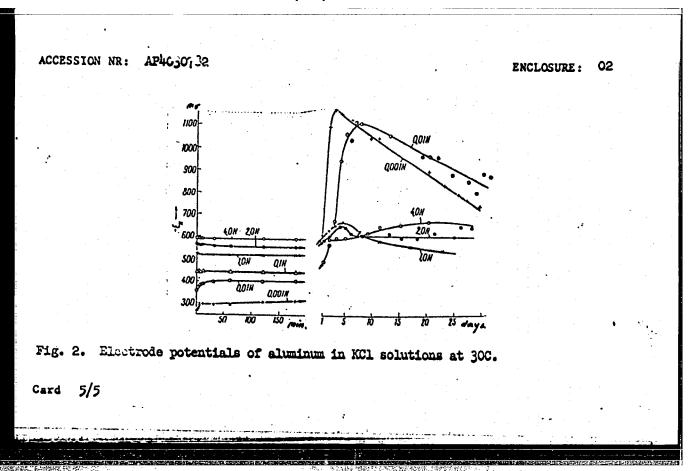
SUB CODE: MM,GC

NO REF SOV: 005

OTHER: 001

Card 3/5





KADEK, V.M., Cand Chem Sci — (dies) "Electrode potentials and full of copper oxidation in aqueous solutions of electrolytes."

Riga, 1957. 20 pp with graphs (Latv^{*}State Univ. Chemical Faculty).

150 copies (KL, 20-58, 93)

-22-

KADEK V.M.
USSR/Physical Chemistry - Electrochemistry.

B-12

Abs Jour: Referat. Zhurnal Khimiya, No 3, 1958, 7303.

Author : V.N. Kadek, L.K. Lepin'.

Inst : Academy of Sciences of Latvian SSR.

Title : Electrode Potentials and Copper Oxidation Rate in Aqueous

Solutions of Alkali and Alkali-Earth Metal Chlorides.

Orig Pub: Izv. AN LatvSSR, 1957, No 5, 107-118.

Abstract: The dependence of the electrode potential (\$\psi\$) and corrosion rate (CR) of sheet Cu on time (up to 120 hours) was determined at 25° in solutions of Li, Na, K, Mg and Ca chlorides (concentrations from 0.001 n. to saturated solutions); pH and the concentration of Cu ions in the solutions were also measured. CR decreases in the initial period, and \$\psi\$ shifts to the negative side. Later CR increases at the formation of soluble complex polychlorides (satur. KCl, NaCl, 1 n. CaCl2),

but CR decreases at the formation of insoluble CuCl deposits

Card : 2/2

: 1/2

Card

-6-

-5-

5 (4) AUTHORS:

Lepin', L. K., Kadek, V. M.

SOV/76-33-7-17/40

TITLE:

The Dependence of the Oxidation Rate and Electrode Potential

of Copper on the pH of the Solutions

PERIODICAL:

Zhurnal fizicheskoy khimii, 1959, Vol 33, Nr 7, pp 1560 - 1565

(USSR)

ABSTRACT:

As the composition of copper oxidation products depends on the composition of the electrolyte and electrodes of second order are formed by insoluble deposits on the copper surface, the oxidation rate and the copper potential consequently depend also on the concentration of electrolyte anions. The authors closely investigated the dependence of the electrode potential (EP) and corrosion rate of copper on the pH of the medium, using NaCl- and Na₂SO₄ solutions (0.01 n) with hydrochloric acid, sulphuric acid or sodium hydroxide as well as pure acid or lye. The measuring method applied hereto was described in (Ref 8). In calculating theoretical potential values some assumptions were made. The resultant diagrams potential - pH₀

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(pH = initial pH-value) and rate of copper oxidation - pH

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4"

The Dependence of the Oxidation Rate and Electrode SOV/76-33-7-17/40 Potential of Copper on the pH of the Solutions

may be divided into three parts: (1) at $pH_0 < 2(3)$, (2) from $pH_0 = 3$ to $pH_0 = 11(12)$; and (3) at $pH_0 > 12$ (the second part may be subdivided into two parts). In the first part, the (EP) and oxidation rate (OR) of copper vary with the pH and depends on the acid anion. In the second part, the pH is stabilized and attains a constant value (pH = 6.4 - 7.2) during copper oxidation, the (EP) and (OR) not depending on the pH_{O} or the electrolyte composition, but only on this pH -value. In the third section (strongly alkaline solutions), the (EP) is distinctly shifted toward negative values, while the (OR) attains a maximum and drops again to zero. The authors found that the kind of deposits on the copper surface exercises great influence upon the (EP) and (OR) during oxidation. At small pH-values the (EP) and (OR) are also affected by the concentration of copper ions accumulated in the solution during oxidation. There are 3 figures and 10 references, 8 of which are Soviet.

Card 2/3

The Dependence of the Oxidation Rate and Electrode Potential of Copper on the pH of the Solutions BOV/76-33-7-17/40

ASSOCIATION: Akademiya nauk LatvSSR, Institut khimii (Academy of Sciences

of the Latvian SSR, Institute of Chemistry)

SUBMITTED: January 6, 1958

Card 3/3

AUTHORS:

Groskaufmanis, A. Kadek, V., Lokenbakh, A.

TITLE:

Lidiya Karlovna Lepin' (on the occasion of her 70th birthday)

PERIODICAL:

Zhurnal fizicheskoy khimii, v. 35, no. 3, 1961, 699-701

TEXT: Lidiya Karlovna Lepin' celebrated her 70th birthday and the 45th anniversary of her scientific and pedagogical activities on April 4, 1961. Her scientific work is linked mainly with problems of adsorption and reactions on the surface of solid bodies. In 1916 she began her scientific work under the guidance of Professor Nikolay Aleksandrovich Shilov. In 1920 she published comprehensive studies on the distribution of components among two solvents. During the following years she worked together with G. V. Strakhova on problems of the formation of surface compounds. Taking into consideration interfacial phenomena and assuming that higher oxides are formed on the surface, she explained the passivity of metals and the stability of noble metals in acid solutions. Together with A. V. Bromberg she studied the mechanism of the coagulation of hydrophobic sols by mixtures of electrolytes. A new method for determining the deviation from additivity in the coagulation of Card 1/4

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4"

第二章 阿特尔斯斯斯斯斯斯斯斯斯斯

Lidiya Karlovna ...

soles by binary electrolyte mixtures was elaborated. At the Voyennaya akademiya khimicheskoy zashchity im. K. Ye. Voroshilova (Military Academy of Chemical Defense imeni K. Ye. Voroshilov) where she was Head of the Department of Colloid Chemistry, she worked on the synthesis of some inorganic compounds, especially in the field of the chemistry of peroxides. These studies were compiled in 1932 in the book "Neorganicheskiy sintez" ("Inorganic Synthesis"). In 1946 she was appointed Head of the Laboratory of Physical and Colloid Chemistry at the Institut khimii Akademii nauk Latviyskoy SSR (Institute of Chemistry of the Academy of Sciences Latviyskaya SSR). There she studied mainly the oxidation of metals in aqueous electrolyte solutions. She developed the hydride theory which offers an explanation of the reactions between metal and water. Jointly with A. P. Tetere and A. Shmit she formulated a kinetic equation for the determination of the reaction rate of metals with water. In collaboration with A. Ya. Vayvade, A. Stiprays, A. K. Lokenbakh, V. M. Kadek, and B. A. Purin she conducted systematic investigations on the oxidation kinetics of numerous metals as well as on their electrochemical behavior and changes in solutions. The oxidation of metals in neutral electrolyte solutions obeys the diffusion kinetics, and depends on composition and properties of the resulting insoluble oxidation products.

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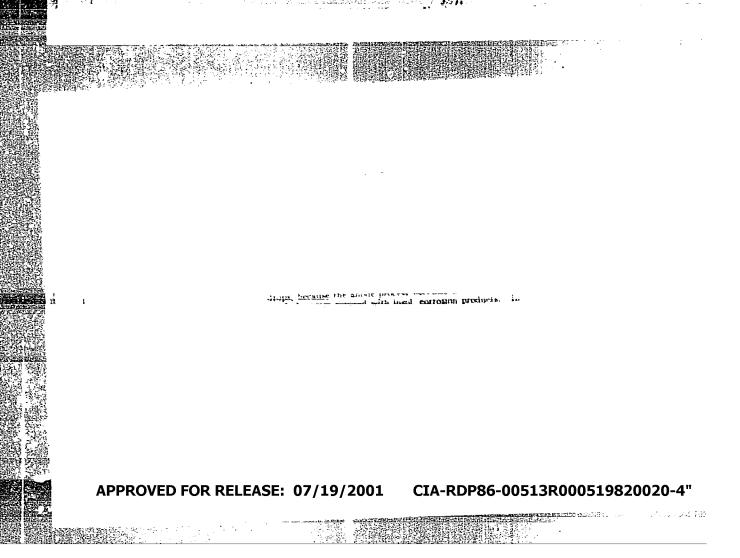
Lidiya Karlovna ...

L. K. Lepin' jointly with Z. F. Oshis has found that by changing the temperature and the composition and concentration of the electrolyte, the chemical and phase compositions of the oxidation products of Fe and Al can be altered. With her collaborators A. Ya. Groskaufmanis, A. Ya. Vayvade, and A. R. Veys she conducted detailed studies on the basic salts of aluminum and iron, and on the sorptive properties of hydroxides and oxides of iron and aluminum. Jointly with B. P. Matsiyevskiy she studied the kinetics of the oxidation of divalent iron by oxygen in electrolyte solutions. In collaboration with N. P. Myagkov she conducted studies on the colloid-chemical properties of corrosion-resistant plastic coatings on metals. L. K. Lepin' worked in both scientific and pedagogical respect. She delivered lectures at the Institut narodnogo khozyaystva im. G. V. Plekhanova (Institute of National Economy imeni G. V. Plekhanov), and was the first female teacher at the Moscow School of Higher Technical Education. For some time she was also Head of the Department of General Chemistry at Moskovskiy gosudarstvennyy universitet im. M. V. Lomonosova (Moscow State University imeni M. V. Lomonosov). In 1934 L. K. Lepin' became a professor, and in 1937 the Presidium of the Academy of Sciences USSR made her a Doctor of Chemical Sciences. In 1945 she became Head of the Department of Physical Chemistry at the Chemical Division of Card 3/4

Lidiya Karlovna ...

Latviyskiy gosudarstvennyy universitet (Latviyskaya State University) and subsequently at the Rizhskiy politekhnicheskiy Institut (Riga Polytechnic Institute). At present, she is Head of the Commission for Corrosion Protection at the Scientific and Technical Committee of the Council of Ministers of the Latviyskaya SSR; She also works actively at the Vsesoyuzńoye khimicheskoye obshchestvo im. D. I. Mendeleyeva (All-Union Chemical Society imeni D. I. Mendeleyev) and for many years has been Chairman of the Presidium of the Latviyskoye SSR Branch of this Society. Academician L. K. Lepin' was decorated with the Order of the Red Banner of Labor in 1960. Academician V. A. Kistyakovskiy is mentioned. There is 1 figure.

Card 4/4



KADEKIN, V.P.; PETROV, A.N.

Large reinforced concrete sheet pile. Transp. stroi. ll no.5: 20-22 My '61. (MIRA 14:6)

Nachal'nik UNR No.376 Baltmorgidrostroya (for Kadekin).
 Instruktor Righskoy normativno-issledovatel'skoy stantsii Orgtransstroya (for Petrov).
 (Sheet piling) (Concrete piling)

KADELA, J., 'RAZDA, R., BOHUSLAV, V.

Organization of the sale of electric power and steam and rates in the decade of 1954-1955. p.192. ENERGETIKA. (Ministerstvo paliv a energetiky. Hlavni sprave elektraren) Praha. Vol. 5, no. 5, May 1955

SOURCE; East European Accessions List, (EEAL), Library of Congress, Vol. 1, No. 12, December 1955

KADKLA, Jan, inz.

Change of electric power and heat supply rates for socialist enterprises beginning April, 1964. Energetika Cz 14 no.6: 295-296 Je *64

1. Gzechoslovak State Pewer Distribution Agency, Prague.

KADEHIN, M.

Concentrated loading of automobiles. Sots.trud no.2:127-130 F '57. (MLRA 10:5)

1. Mauchnyy sotrudnik Kazanskogo mauchno-issledovatel'skogo instituta okhrany truda.

(Automobiles--Transportation)

KADEMIN, N., tekhnolog-normirovshchik.

The technologist is the work norm specialist of the shop. Sots. trud. no.1:125-127 Ja '57. (MLRA 10:4)

1. Gor'kovskiy avtosavod imeni Molotova. (Gorkiy--Automobile industry--Production standards)

HADEN, UT

AUTHOR:

None Given.

108-10-11/11

TITLE:

New Books (Novyye knigi).

PERIODICAL:

Radiotekhnika, 1957, Vol. 12, Nr 10, pp. 101-101

(USSR)

ABSTRACT:

Koshcheyev, I. A.: Fundamental Theory of Electrical Compounds. Volume III. Non-Linear Systems, 1957, 187

pages, Rb 5,40

Ioffe, A. F .: Physics of Semiconductors. Edition of the

AN USSR, 1957, 491 pages, Rb. 20.-

Kaden, G.: Electromagnetic Screens. 1957, 327 pages,

Ro. 10, 75.

The basic problems within the frequency range of quasi-

stationary operations are investigated. In part I:

Screening of Interference Fields. In part II:

Screening of Interference Currents.

Polivanov, K. M .: Ferromagnetics. Fundamental theory for

their technical use. 1957, 256 pages, Rb. 13,70.

CARD 1/2

New Books

108-10-11/11

Some Problems in Impulse Techniques and High-Frequency

Techniques.

Works of the Moscow Institute for Aviation, volume 83,

1957.

Blagoveshohenskiy, V. P., Sidorenko, V. V., Measurements in Impulse-Radio Apparatus. 1957, 264 pages, Rb. 6, 65.

Teaching facility.

AVAILABLE:

Library of Congress

CARD 2/2

KADEN, M. M.

"Phenomenon of Para-Agglutination." Thesis for degree of Dr. Medical Sci. Sub 23 Jun 50, Acad Med Sci USSR

Summary 71, 4 Sep 52, <u>Dissertations Presented</u> for Degrees in Science and <u>Engineering in Moscow</u> in 1950. From <u>Vechernyaya Moskva</u>, Jan-Dec 1950.

KADEN, M. M.

Jul 53

USSR/Medicine - Dysentery

"The Water Factor in the Epidemiology of Dysentery," M. M. Kaden

Zhur Mikro, Epid, i Immun, No 7, pp 24-26

Dysentery infections due to water contamination are no less important and perhaps more important than typhoid-paratyphoid infections from contaminated water supply. If the dysentery infections are due to this cause, the disease has an atypical character. The incubation period for dysentery is shorter than that for typhoid and paratyphoid, so that dysentery appears first and typhoid-paratyphoid afterward. then dysentery infections are caused by contaminated water, adults rather than children are affected. Furthermore, it is characteristic that the dysentery bacteria isolated from the patients belong to a variety of species and types. The outbreaks studied occurred in cold weather.

267T40

CIA-RDP86-00513R000519820020-4"

APPROVED FOR RELEASE: 07/19/2001

KADEN, M.M.; BUTUZOVA, L.P.

Effect of antibiotic therapy on typhoid and paratyphoid pathogens. Antibiotiki 5 no. 5:77-79 S-0 *60. (MIRA 13:10)

1. Moskovskiy institut vaktsin i syvorotok imeni I.I. Mechnikova. (SAIMONELLA) (ANTIBIOTICS)

KADEN, M.M., prof.; KHAZANOV, M.I., kand.meditsinskikh nauk; PANFILOVA,

Typhoid and paratyphoid fevers in the USSR and means for a further morbidity. Sov. med. 24 no. 5:17-21 My '60. (MIRA 13:10)

l. Iz Moskovskogo nauchno-issledovatel¹skogo instituta vaktsin i syvorotok imeni I.I. Mechnikova (dir. A.P. Muzychenko) Ministerstva zdravockhraneniya SSSR. (TYPHOID FEVER) (PARATYPHOID FEVER)

KADEN, M.M.; TIMEN, Ya.Ye.; MOROZOVA, M.M.; SHIGANOVA, V.L.; BUTUZOVA, L.P.

Effect of antibiotic therapy on the clinical course and immunological reactivity of the organism of patients with typhoid and paratyphoid fevers. Antibiotiki 6 no.1:50-54 Ja '61. (MIRA 14:5)

1. Moskovskiy nauchno-issledovatel'skiy institut vaktsin i syvorotok imeni I.I. Mechnikova i 2-ya klinicheskaya gorodskaya infektsionnaya bol'nitsa. (CHLOROMYCETIN) (TYPHOID FEVER) (PARATYPHOID FEVERS)

"Comparative Morphology of the Fruits and Seeds of the Central Russian Crowfoot Family." Thesis for degree of Candi. Biological Sci. Sub 2 May 49, Moscow Order of Lenin State U imeni M. V. Lomonosov

Summary 82, 18 Dec 52, Dissertations Presented for Degrees in Science and Engineering in Moscow in 1949. From Vechernyaya Moskva, Jan-Dec 1949.

KADEN, N. N.

N. N. Kaden. Co-fruits and inflorescence. (The "complex fruits formed from whole racemes" as stated in the article.) P. 89.

Chair of Higher Plants, Aug. 5, 1950

SO: <u>Herald of the Moscow University</u>, Series of Physics-Mathematics and Natural Sciences, No. 4, No. 6, 1951

KADEN, N. N.

Kaden. N. N., Aleksandrov, V. G. and Konovalov, I. N. (Reviews and Bibliography) "The Morphological Essence of the Fruits of Rosaceae and Corylus and the Nature of the Fruit of some Rosaceae". P. 143

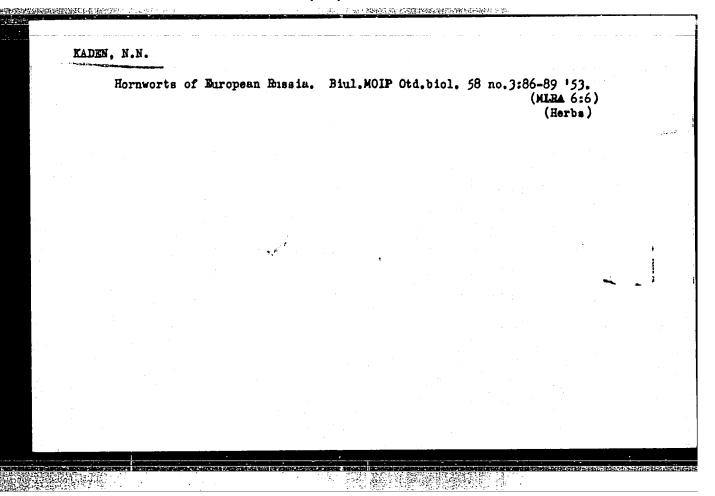
Chair of Higher Plants Aug. 5, 1950

SO: Herald of the Moscow University. Series on Physics-Mathematics and Natural Sciences, No. 3, No. 5, 1951

KADEN, N.N.

Fruit and seeds of hornworts of Central Russia. Biul.MOIP Otd.biol. 58 no.3:82-85 153. (MLRA 6:6) (Herbs)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4"



KADEN,	N.N.; TIKHOMIROV, V.N.	
	Morphology of the ovary and seeds of Umbelliferae. Biul. MOIP. Otd. biol. 59 no.3:79-83 My-Je '54. (MCBA 7:7) (Umbelliferae) (Botany-Morphology)	
		. •

KADEN, N.H.

About Z.T. Artiushenko's and I.N. Konovalov's articles on fruit morphology. Biul.MOIP.Otd.biol. 60 no.6:115-119 N-D '55.(MLRA 9:3) (BOTANY--MORPHOLOGY) (FRUIT) (ARTIUSHENKO, Z.T.) (KONOVALOV,I.N.)

KADEN, N.N.

Apocarpous gynoscia and fruit in gramineous plants according to comparative morphological data. Mauch.dokl.vys.ahkoly;biol. nauki no.3:113-123 '58. (MIRA 11:12)

KADEN, N.H.

Apocarpous gynoecia and fruit in gramineous plants according to teratological data. Mauch.dokl.vys.shkoly;biol.nauki no.4:111-117 158. (MIRA 11:12)

1. Rekomendovana kafedroy vysshikh rasteniy Noskovskogo gosudarstvennogo universiteta imeni N.V.Lomonosova. (Grasses) (Flowers--Morphology) (Abnormalities (Plants))

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4"

KADEN, N.N.

Apocarpy of gynoscium and fruit in gramineous plants according to the data of vascular anatomy and ontogeny. Nauch.dokl.vys.shkoly; biol.nauki no.3:147-159 159. (MIRA 12:10)

1. Rekomendovana kafedroy vysshikh rasteniv Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova. (Grasses) (Flowers--Anatomy)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4"

KADEN, N.N.; TIKHONIBOV, V.N.

"Fruit types and their classification" by R.E. Levina. Reviewed by M.E.Kaden, V.H.Tikhomirov. Mauch. dokl. vys. shkoly; biol. nauki no.3:217-219 '60. (MIRA 13:8)

(Fruit-Anatomy) (Levina, R.E.)

ALEKSANDROV, V.G., prof., red.; DVORYANKIN, F.A., prof., red.; KADEN, N.N., kand. biol. nauk, red.; KUPERMAN, F.M., prof., red.; L'VOVA, I.N., kand. biol.nauk, red.; PALAMARCHUK, I.A., kand.biol.nauk, red.; PODDUBNAYA-ARNOL'DI, V.A., prof., red.; PRONIN, V.A., kand.biol.nauk, red.; RZHANOVA, Ye.I., kand. biol.nauk, red.; ROSTOVISEVA, Z.P., kand. biol.nauk, red.; SEREBRYAKOV, I.G., prof., red.; USTINOVA, Ye.I., kand. biol.nauk, red.; CHEINADINOVA, A.I., kand. biol.nauk, red.; YERMAKOV, M.S., tekhn. red.

[Morphogenesis in plants; transactions dedicated to the 100th anniversary of the publication of Darwin's "Origin of species."] Morfogenez rastenii; trudy posveshchaiutsia 100-letiiu so dnia vykhoda v svet truda Charlza Darvina "Proiskhozhdenie vidov." Moskva, Izd-vo Mosk. univ. Vol.l. 1961. 683 p. (MIRA 14:9)

1. Soveshchaniye po morfogenezu rasteniy. 1959. (Botany—Morphology)

Some cardinal problems in the classification, typology, and nomenclature of fruits. Bot. zhur. 46 no.4:496-504 Ap 161.

(MIRA 14:3)

(Fruit--Morphology)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4"

Types of longitudinal dehiscense of fruits. Bot.zhur. 47 no.4:495-505 Ap '62. (MIRA 15:8)

(Fruit-Morphology)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4"

KADEN, N.N.; LANOVAYA, V.P.

Morphology of the gynoscium and the fruit of geranium. Nauch. dokl. vys. shkoly; biol. nauki no.4:104-109
*63. (MIRA 16:11)

1. Rekomendovana kafedroy vysshikh rasteniy Moskovskogo gosudarstvennogo universiteta im. Lomonosova.

CIA-RDP86-00513R000519820020-4"

APPROVED FOR RELEASE: 07/19/2001

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4

KADEN, N. N.

"Fundamental problems of evolutionary carpology."
report submitted for 10th Intl Botanical Cong, Edinburgh, 3-12 Aug 64.
Moscow State Univ.

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4"

Morphology of geranium seeds. Nauch. dokl. vys. shkoly; biol. nauki no. 2:97-102 '64. (MIRA 17:5)

1. Rekomendovana kafedroy vysshikh rasteniy Moskovskogo gosudarstvennogo universiteta im. M.V.Lomonosova.

Schizocarpes. Pot. zhur. 49 no.7:966-973 J1 '64 (MIRA 17:8)

1. Moskovskiy gosudarstvennyy universitet.

More on the ways the fruit open. Bot. zhur. 49 no.12:1776-1779 D '64 (MIRA 18:2)

1. Moskovskiy gosudarstvannyy universitet imani Izmenesova.

KADEN, N.N.; ZAKALYUKINA, T.P.

Morphology of the gynoecium anf fruit in borage and mint families. Vest. Mosk. un. Ser.6: Biol., pochv. 20 no.3:31-41 My-Je '65.

(MIRA 18:7)

1. Kafedra vysshikh rasteniy Moskovskogo universiteta.

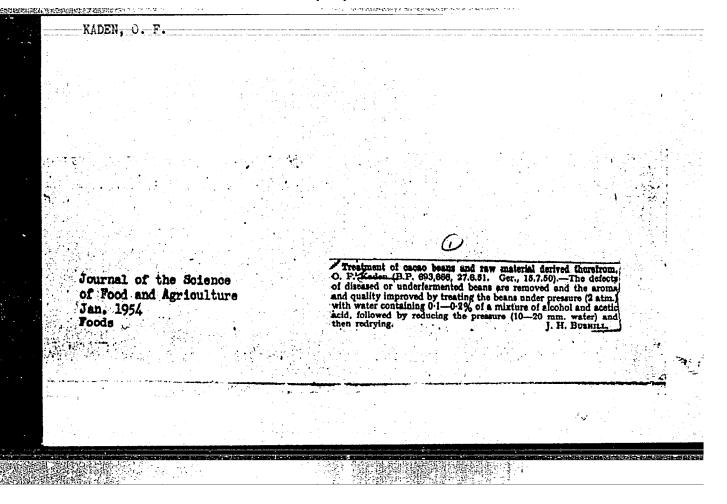
New carpological classification by R.E.Levina. Bot. zhur. 50 no.4:579-581 Ap 165. (MIRA 18:5)

1. Moskovskiy gosudarstvennyy universitet imeni Lomonosova.

Fruit types of plants inhabiting the middle zone of the European part of the U.S.S.R. Bot. zhur. 50 no.6:775-787 Je '65. (MIRA 18:7)

1. Moskovskiy gosudarstvennyy universitet.

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4



38001. KADEN, R. YU

OB ELYETROPROVODNOSTI SYELYENA. SOOBSHCH. 134. TRUDY NIKFI (NAVCH-ISSLYED. KINOFOTOIN-T) VYP. 10, 1949. S. 265-79 - BIBLIOGR: 9 NAZV.

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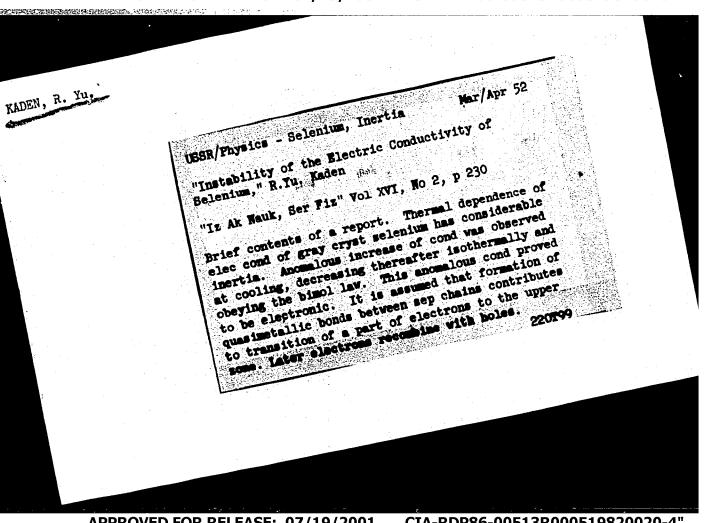
38063. KADEN, R.YU. AND KOMAR, V. G.

KADEN A You

Starenie selenovykh vypryamiteley. soobsh. 135. Trudy nikfi (Nauch. - issled. kinofotoih-t), vyp, 10, 1949, s. 280-92. -- bibliogr: 5 nazv.

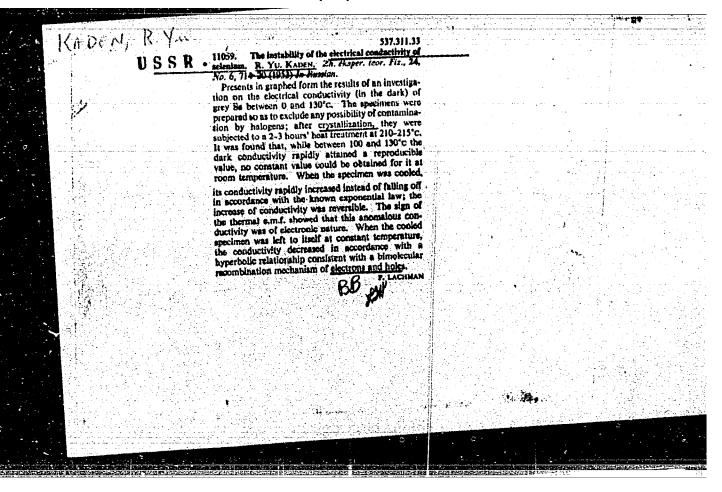
Selenium Pertificas

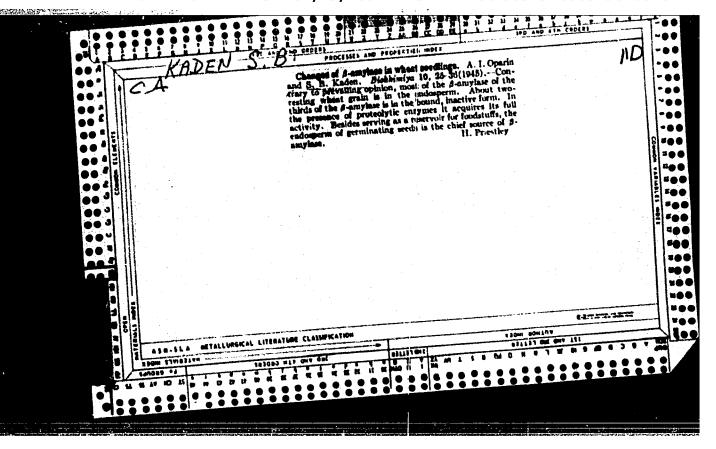
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KAden, S.B.

USSR/ Analytical Chemistry - Analysis of Inorganic Substances

G-2

Abs Jour

: Referat Zhur - Khimiya, No 4, 1957, 12097

Author

: Sokolov D.F., Kaden S.B.

Inst

: Laboratory of Sapropelic Deposits of the Forest

Title

Institute of the Academy of Sciences USSR Determination of Carbon Dioxide of Carbonates in Sapropels

by the Titration Method

Orig Pub

Tr. Labor. sapropel. otlozheniy. In-t lesa AN SSSR,

1956, No 6, 65-68

Abstract

: A method has been worked out for the determination of CO in sapropels, which is based on determination of the amount of HCl used up in the decomposition of carbonates. An 0.2-1.5 g, weighed sample of comminuted and screened (0.5 mm) sapropel under study is placed into a 100 ml measuring flask, 25 ml 0.5 N HCl are added, stirring is continued until the carbonates are completely decomposed, the solution is diluted with water to the mark, stirred

Card 1/3

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4"

USSR/ Analytical Chemistry - Analysis of Inorganic Substances

Abs Jour

Referat Zhur - Khimiya, No 4, 1957, 12097

again, filtered through a dry filter of medium porosity. First portions of the filtrate are discarded and thereafter 25 ml samples are collected, which are titrated with O.1 N solution of NaOH after addition of 3-4 drops of methyl orange. The CO2 content (x) of absolutely dry sapropel is calculated according to the formula: x -(31.25 - mk) 42.2 . 100 . 100/a (100 - w) .1000, wherein 31.25 is the number of ml 0.1 N HCl corresponding to $\frac{1}{4}$ of the volume of HCl taken to neutralize the carbonates; m -- number of ml 0.1 N NaOH used up in the titration of 25 ml of the solution tested; k -- correction coefficient of 0.1 N NaOH; a -- weight of the sample of air-dry sapropel (g); w -- moisture content of the sapropel (%); 4 -conversion factor (from 100 ml solution 25 ml were used for titration), 2.2 -- amount of CO2 (mg) that corresponds to 1 ml 0.1 N HCl. Comparative determinations of

ZHABROVA, G. M., KADENATSI, B. M.

"Study of the Coke Formation and Divinyl Polymerization on the Catalyst of S. V. Lebedev."

Problem Kinetics and Catalysis, w. 9, Isotopes in Catalysis, Moscow, Izd-70 AN SESR, 1957, Map.

Most of the papers in this collection were precruited at the Conf. on Isotopes in Catalysis which took place in Moston, Nov. 31 Apr. 5, 1956.

SOV/20-121-4-28/54 5(4) Roginskiy, S. Z. Corresponding Member, Academy of Sciences, AUTHORS: USSR, Yanovskiy, N. I., Zhabrova, G. M., Vinogradova, O. M., Kadenatsi, B. H., Markova, Z. A.

A Catalytic Synthesis of Unsaturated Hydrocarbons of the Series C_A , Labelled by the Radioactive Carbon $C^{1.4}$, With the Use of TITLE:

Vapor Phase Distributive X-Ray Chromatography (Kataliticheskiy sintez nepredel'nykh uglevodorodov ryada \mathbf{C}_4 , mechennykh

radiouglerodom C¹⁴, s ispol'zovaniyem parofaznoy raspredelitel' noy radiokhromatografii)

Doklady Akademii nauk SSSR, 1958, Vol 121, Nr 4, pp 674-677 PERIODICAL: (USSR)

This paper reports on the results of the production of labelled ABSTRACT:

unsaturated hydrocarbons on the basis of ethyl alcohol

labelled by C14. It is a peculiarity of this method that all the labelled molecules are produced simultaneously by the same catalytic process which develops under the influence

of S. V. Lebedev's catalyst for the synthesis of divinyl. Card 1/4

SOV/20-121-4-28/54 A Catalytic Synthesis of Unsaturated Hydrocarbons of the Series C_4 , Labelled by the Radioactive Carbon C^{14} , With the Use of Vapor Phase Distributive X-Ray Chromatography

This paper discusses a special case of the general principle of the synthesis of labelled molecules. This principle consists of the carrying out of a group synthesis (which gives a mixture of some substances with an unusual isotopic composition) and of the subsequent application of physical-chemical separation methods. Especially interesting is the separation of the labelled hydrocarbons of the C₄ series with various degrees of saturation and with various structural-isomeric shapes. Such hydrocarbons are butadiene (divinyl), α-butylene, β-butylene (cis-variant), β-butylene (trans-variant). The catalytic synthesis was carried out by means of S. V. Lebedev's catalyst at 390°. A labelled ethyl alcohol C¹⁴H₂C¹⁴H₂OH with the specific radioactivity 0,724 Curie/ml was used for the synthesis. The chromatographic separation of the marked gaseous labelled products is then discussed. A figure shows a typical chromatogram of the mixture of the gaseous radioactive products of the synthesis of divinyl from

Card 2/4

SOV/20-121-4-28/54 A Catalytic Synthesis of Unsaturated Hydrocarbons of the Beries ${\rm C_4}$, Labelled by the Radioactive Carbon ${\rm C^{14}}$, With the Use of Vapor Phase Distributive X-Ray Chromatography

the labelled alcohol (C214H50H). According to this chromatogram, the main gaseous product is divinyl (81,3 %). The percentage of butylene is not higher than 4.7 %. The composition of the products may be changed by a heat treatment of the cataly st. The specific activities of the hydrocarbons have approximately the same values. In order to identify the individual fractions, their infrared absorption spectra were taken; they are shown by a figure. The combination of chromatography with rectification, extraction and with a counterflow distribution is very promising. These methods are very productive and may be used for the preliminary group separation of a mixture into some fractions with a subsequent extraction of the individual components. The catalytic experiment takes 1 hour and the chromatographic separation -2 - 2,5 hours. There are 4 figures and 9 references, 7 of which are Soviet.

Card 3/4

SOV/20-121-4-28/54 A Catalytic Synthesis of Unsaturated Hydrocarbons of the Series $\mathbf{C_4}$, Labelled by the Radioactive Carbon C14, With the Use of Vapor Phase Distributive X-Ray Chromatography

ASSOCIATION: Institute fizicheskoy khimii Akademii nauk SSSR (Institute of Physical Chemistry, AS USSR)

SUBMITTED: April 16, 1958

Card 4/4

KADENATSIY, A. N.

"On the Natural Focalization of Alveolar Echinococcosis in Omsk Oblast'."

Tenth Conference on Parasitological Problems and Diseases with Natural Reservoirs, 22-29 October 1959, Vol. II, Publishing House of Academy of Sciences, USSR, Moscow-Leningrad, 1959.

Omsk State Veterinary Institute

ROGINSKIY, S.Z.; YANOVSKIY, M.I.; LU PEY-CHZHAN; GAZIYEV, G.A.; ZHABROVA, G.M.; KADRNATSI, B.M.; ERAZHNIKOV, V.V.; NEYMARK, I.Ye.; PIONTKOVSKAYA, M.A.

Chromatographic determination of the adsorption isotherms of gases and of the specific surface of solids. Kin.i kat. 1 no.2:287-293 Jl-Ag 160. (MIRA 13:8)

1. Institut fisicheskoy khimii AN SSSR. (Adsorption)

APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4"

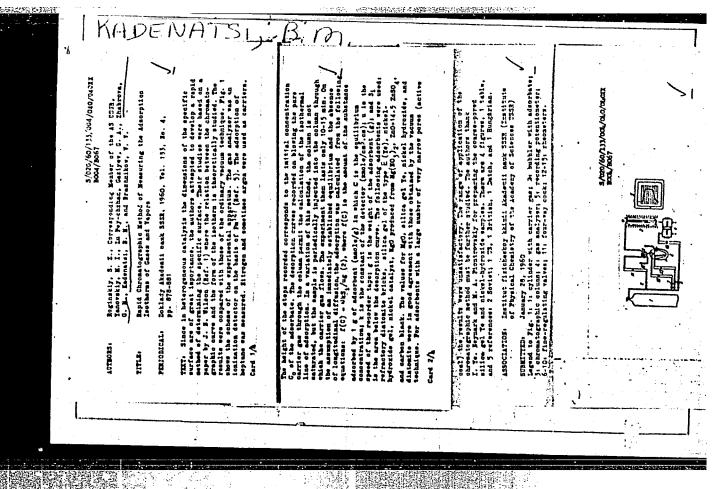
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ROGINSKIY, S.Z.; YANOVSKIY, M.I.; III PEY-SHZHAN; GAZIYEV, G.A.; ZHABROVA, G.M.; KAIRNATSI, B.M.; BRAZHNIKOV, V.V.

Rapid chromatographic method of measuring the adsorption isotherms of gases and vapors. Dokl.AN SSSR 133 no.4: 878-881 Ag 160. (MIRA 13:7)

1. Institut fizicheskoy khimii Akademii nauk SSSR. 2. Chlenkorrespondent AN SSSR (for Roginskiy). (Adsorption)

"APPROVED FOR RELEASE: 07/19/2001 CIA-RDP86-00513R000519820020-4



GORDEYEVA, V.A.; YEGOROV, Ye.V.; ZHABROVA, G.M.; KADENATSI, B.M.;

KUSHNEREV, M. Ya.; ROGINSKIY, S.Z.

Use of ionizing radiation in the study of the decomposition processes of copper and nickel oxalates. Dokl. AN SSSR 136 nc.6:1364-1367 F '61.

1. Institut fizicheskoy khimii AN SSSR. 2. Chlen-korrespondent AN SSSR (for Roginskiy)

(Gopper oxalate)

(Nickel oxalate)

(Radiation)

39631 s/195/62/003/004/001/002 E075/E436

Zhabrova, G.M., Kadenatsi, B.M., Zvonov, N.V., Yegorov, Ye.V., Azizov, T.S., Batalov, A.A., 1.1600 AUTHORS:

Gordeyeva, V.A., Glazunov, P.Ya.

TITLE:

Preparation of finely divided metals and oxides by

PERIODICAL: Kinetika i kataliz, v.3, no.4, 1962, 610-613

A possibility was investigated of preparing metals and oxides in a finely divided form by irradiation of Zr(OH)4:

Al(OH)3: Fe(OH)3, Ni and Cu oxalates and basic copper carbonate with accelerated electrons having the energy of 0.8 Mev. The with accelerated electrons naving the energy of 0.5 MeV. The temperature of the samples during irradiation (1 to 2 g) did not exceed 40 to 50°C. Thermal decomposition at 400 to 50°C was also carried out for comparison with the irradiated materials. The decomposition of all the compounds commenced at radiation The decomposition of all the compounds commenced at radiation doses exceeding 100 rads and was intense at 109 to 1010 rads. At the latter doses the compounds were almost completely Card 1/3

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